

28 JUL 2005

**PRIORITY CLAIM (35 U.S.C. Section 119(a)-(d))**

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

Such applications have been filed as follows:

**PRIOR PCT APPLICATION(S) FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION  
AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. SECTION 119(a)(d)**

| COUNTRY<br>(INDICATE IF PCT) | APPLICATION<br>NUMBER | DATE OF FILING<br>DAY, MONTH, YEAR | PRIORITY CLAIMED<br>UNDER 35 U.S.C. 119 |                             |
|------------------------------|-----------------------|------------------------------------|---|-----------------------------|
|                              |                       |                                    | <input type="checkbox"/> Yes            | <input type="checkbox"/> No |
|                              |                       |                                    | <input type="checkbox"/> Yes            | <input type="checkbox"/> No |
|                              |                       |                                    | <input type="checkbox"/> Yes            | <input type="checkbox"/> No |
|                              |                       |                                    | <input type="checkbox"/> Yes            | <input type="checkbox"/> No |

**CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)  
UNDER 35 U.S.C. 120**

I hereby claim the benefit, under Title 35, United States Code, § 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37, Code of Federal Regulations, § 1.56 and that is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent, that occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application. (37 C.F.R. § 1.63(e)). In compliance with this duty, there is attached an information disclosure statement, in accordance with 37 C.F.R. § 1.98.

| PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS<br>DESIGNATING THE U.S. FOR BENEFIT UNDER 35 USC 120: |                 |                                |
|---|-----------------|--------------------------------|
| PCT APPLICATION DESIGNATING THE U.S.  |                 |                                |
| PCT APPLICATION NO.   | PCT FILING DATE | U.S. APPLICATION NOS. ASSIGNED |
| PCT/SG2003/000175   | 24 July 2003    |                                |
|   |                 |                                |

28 JUL 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/520,825

First-Named Inventor: Tiow Kim OOI

Filed: January 7, 2005

Title: PIEZO-ELECTRIC COMPRESSOR WITH DISPLACEMENT AMPLIFIER

Confirmation No.: 2706

Attorney Docket No.: 1003.P013US/ADR/JC

Customer No.: 38556

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN  
THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

United States Patent and Trademark Office  
Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
USA

Attn: Mr India L Evans

Dear Mr Evans:

In response to your Notification of Missing Requirements under 35 U.S.C. 371 In the United States Designated/Elected Office (DO/EO/US), we enclose the following.

1. Transmittal Letter (PTO-1390)
2. Copy of Combined Declaration and Power of Attorney
3. Recordation Form Cover Sheet (PTO 1595) with copy of Assignment
4. Credit Card Payment Form for US\$170.00 (PTO-2038)
4. Notification of Missing Requirement
- 5.

Thank you.

Yours faithfully,  
**LAWRENCE Y.D. HO & ASSOCIATES**



**George D. Liu**  
Registration No. 47,752

July 28, 2005

Date

Customer No.: 38556  
Tel: (703) 536-1713  
Fax: (65) 6732-3188

Encl.

JC10 Rec'd PCT/PTO 28 JUL 2005

PTO-1390 (Rev. 12-2004)

Approved for use through 3/31/2007. OMB 0651-0021

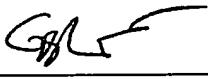
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|   |   |  |
|---|---|--|
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>   |   | <b>ATTORNEY'S DOCKET NUMBER</b><br>1003.P013US/ADR/jc                |
|   |   | <b>U.S. APPLICATION NO.</b> (If known, see 37 CFR 1.5)<br>10/520,825 |
| <b>INTERNATIONAL APPLICATION NO.</b><br>PCT/SG2003/000175   | <b>INTERNATIONAL FILING DATE</b><br>July 24, 2003 | <b>PRIORITY DATE CLAIMED</b><br>September 4, 2002                    |
| <b>TITLE OF INVENTION</b><br>PIEZO-ELECTRIC COMPRESSOR WITH DISPLACEMENT AMPLIFIER  |   |  |
| <b>APPLICANT(S) FOR DO/EO/US</b><br>Kim Tiow OOI, Chen ZHAO, Nam Trung NGUYEN   |   |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |   |  |
| <p>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p style="margin-left: 20px;">c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> is attached hereto.</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p style="margin-left: 20px;">c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p style="margin-left: 20px;">d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>Items 11 to 20 below concern document(s) or information included:</p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input type="checkbox"/> Other items or information:</p> |   |  |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|  |              |   |            |   |                 |
|--|--------------|---|------------|---|-----------------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br>10/520,825  |              | INTERNATIONAL APPLICATION NO.<br>PCT/SG2003/000175                            |            | ATTORNEY'S DOCKET NUMBER<br>1003.P013US/ADR/jc  |                 |
| 21. The following fees are submitted:  |              |   |            | Applicant use   | Office use only |
| <input type="checkbox"/> a) Basic national fee..... \$300.00   |              |   |            | \$  |                 |
| <input type="checkbox"/> b) Examination fee..... \$200.00  |              |   |            | \$  |                 |
| <input type="checkbox"/> c) Search fee..... \$500.00   |              |   |            | \$  |                 |
| TOTAL OF ABOVE CALCULATIONS = \$1000.00  |              |   |            | \$ \$0.00   |                 |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |              |   |            |   |                 |
| Total Sheets   | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE       |   |                 |
| - 100 =  | /50 =        | 0   | x \$250.00 | \$ \$0.00   |                 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).   |              |   |            | \$ 130.00   |                 |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA  | RATE       | \$  |                 |
| Total claims   | 34 - 20 =    |   | x \$50.00  | \$ \$0.00   |                 |
| Independent claims   | 4 - 3 =      |   | x \$200.00 | \$ \$0.00   |                 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |              |   | + \$360.00 | \$ \$0.00   |                 |
| TOTAL OF ABOVE CALCULATIONS =  |              |   |            | \$ \$130.00   |                 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |              |   |            | \$ \$0.00   |                 |
| SUBTOTAL =   |              |   |            | \$ \$130.00   |                 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  |              |   |            | \$ \$0.00   |                 |
| TOTAL NATIONAL FEE =   |              |   |            | \$ \$130.00   |                 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property   |              |   |            | \$ \$40.00  |                 |
| TOTAL FEES ENCLOSED =  |              |   |            | \$ \$170.00   |                 |
| Amount to be refunded:   |              |   |            |   | \$              |
| Amount to be charged   |              |   |            |   | \$              |
| 08/02/2005 AT: AN1 00000090 10520825   |              |   |            |   |                 |
| 01 FC:1617   |              |   |            |   |                 |
| <p>a. <input type="checkbox"/> A check in the amount of \$ <u>130.00</u> OP to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> |              |   |            |   |                 |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.   |              |   |            |   |                 |
| SEND ALL CORRESPONDENCE TO:  |              |   |            |   |                 |
| Customer Number: 38556   |              |   |            | <br>SIGNATURE<br>George D. Liu<br>NAME<br>47,752<br>REGISTRATION NUMBER |                 |



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

|                             |                       |                  |
|-----------------------------|-----------------------|------------------|
| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 10/520,825                  | Tiow Kim Ooi          | 1003.P013US/jcc  |

|                               |               |
|-------------------------------|---------------|
| INTERNATIONAL APPLICATION NO. |               |
| PCT/SG03/00175                |               |
| LA. FILING DATE               | PRIORITY DATE |
| 07/24/2003                    |               |

Lawrence Y D HO & Assoc.  
30 Bideford Road 07-01 Thongsia Building  
Singapore, 229922  
SINGAPORE

CONFIRMATION NO. 2706

371 FORMALITIES LETTER



\*OC000000016385410\*

Date Mailed: 07/05/2005

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/07/2005
- Copy of the International Search Report filed on 01/07/2005
- Copy of IPE Report filed on 01/07/2005
- Request for Immediate Examination filed on 01/07/2005
- U.S. Basic National Fees filed on 01/07/2005
- Priority Documents filed on 01/07/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

INDIA L EVANS

Telephone: (703) 308-9140 EXT 212

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/520,825                  | PCT/SG03/00175                | 1003.P013US//jcc |

FORM PCT/DO/EO/905 (371 Formalities Notice)